All COR ISO Recommendations

Latent Condition, Seismic and ISS

Friday, October 12, 2012 12:36:54 PM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Due Date	Assigned To	Status
Latent Condition	452	RLOP	HNF	2006	3-1	Are remote startup/shutdown switches clearly labeled and protected from inadvertent operation?	Yes but some are faded and worn	Audit the condition of the tags and repair as needed	Started audit 8/6/07 and writing of work order to repair tags as needed. Changed due date to 12/31/07. MEG -GOMA	12/30/2007	Gonzalez, Mauricio E.	Completed
Latent Condition	453	RLOP	HNF	2006	3-14	Are all equipment labels correct and unambiguous?	The formal labels that are there are correct. There are informal markings with paint pens in the plant that are incorrect.	Personnel should be cautioned not to trust informal markings in the plant. Get rid of paint pens	Started audit 8/6/07 and writing of work order to repair tags as needed. Changed due date to 12/31/07. MEG -GOMA	12/31/2007	Gonzalez, Mauricio E.	Completed
Latent Condition	454	RLOP	HNF	2006	3-18	Are all components that are mentioned in procedures (e.g., valves) labeled or otherwise identified?	Yes all components are identified. However, some labels are becoming worn, especially the plastic tags.	Audit the lables in the field and repair as needed , especially the control valves	Started audit 8/6/07 and writing of work order to repair tags as needed. Changed due date to 12/31/07. MEG -GOMA	12/31/2007	Gonzalez, Mauricio E.	Completed
Latent Condition	455	RLOP	HNF	2006	3-19	Do switch labels identify discrete positions (e.g., ON or OFF, OPEN or CLOSE)?	Swithch labels are clear but some are becoming worn - such as the shutdown bypass switch on the feed pumps.	Audit the condition of the switch labeling and repair as needed	Started audit 8/6/07 and writing of work order to repair tags as needed. Changed due date to 12/31/07. MEG -GOMA	12/31/2007	Gonzalez, Mauricio E.	Completed
Latent Condition	456	RLOP	HNF	2006	4-3	Is the communication capability between operators, and between operators and the control room or other necessary locations adequate during normal operations and emergencies?	Radio works well for normal operation but can become overloaded during emergencies	Consider some means of assuring adequate communication during emergencies Consider designating an channel to be used in an emergency	Call the Firehouse Dispatcher x4200 and ask for a Tactical Priority setup. This will place the talkgroup in a higher priority in the radio system. If this does not satisfy your needs, call back the Firehouse Dispatcher x4200 and ask for an Emergency Setup for your talkgroup. This dedicates a repeater for your event. This does leave the rest of the refinery with one less repeater (8 of 9) to manage the rest of the refinery and the emergency responders.	6/30/2007	Tydingco, James D.	Completed
Latent Condition	457	RLOP	HNF	2006	5-8	Are communications required at periodic intervals so that injured or incapacitated operators can be identified?	Regular check-ins are not required. Emergency button on radios can be used by the operator.	Missing a periodic radio check could alert plant personnel to an operator in trouble. Review the feasibility of some method of determining if a plant operator has become incapacitated	The current safeguards of an emergency button is deemed adequate in our work environment.	6/30/2007	Palinkas Jr, Joseph J.	Completed

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ISS	568	RLOP	HNF	2006	4A1	Easy operation of valves designed to prevent inadvertent error?	Valves are accessible. Valve manifolding is somewhat confusing and congested at the product manifold	Consider new product manifold area ouside current location and improve labeling of existing lines/valves	Existing product manifold and valve/line labeling are adequate for safe operations per Mike Seidlitz. (Note: Issue with database resulted in erroneous information on this record. Originally notified owner on 12/18/2006 and completed prior to due date. M. Crow 6/19/12)	6/30/2007	Gonzalez, Mauricio E.	Completed
ISS	592	RLOP	HNF	2006	4B1	Blowout resistant gaskets?	Spiral wound gaskets and ring joint flanges are used on piping and vessels. The exchangers use Corrugated Metal Gaskets that do not have a blowout containment ring.	Replace exchangers with new ones with blowout resistant gasket design.	Heat exchanger body flanges are designed per ASME Section VIII to be inherently blow out proof by using a tongue and groove design. Gaskets are retained in the body flange groove and can not blow out. Corrugated metal graphite gaskets are currently the most widely used design in heat exchangers for the oil & gas and chemical industries because of their exceptional sealing capability. Exchanger nozzles, vessel nozzles and piping flanges do not contain gaskets. Gaskets in these applications must be blowout resistant. Global Refinering standard GR-800 (Bolting & Gaskets) was issued in 2006 specifying that Kamprofile and spiral wound gaskets must be used in raised face flanges as a standard. Note: Corrugated metal graphite gaskets may only be used in nonconfined joint flanges on a case by case basis where VOC leakage exceeds 100ppm using spiral wound or Kamprofile gaskets. Special monitoring of flange alignment and torquing is required when using CMG gaskets in nonconfined flanges.	6/30/2007	Ross, Bill	Completed

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Seismic	407	RLOP	HNF	2006		R-1611	Broken trolley limit stop on 1/2 ton hoist on top deck	Repair	EWO 2098 has been issued to Maintenance. Construction work was completed.	6/30/2007	MacDonald, David M.	Completed
Seismic	408	RLOP	HNF	2006		R-1611	Cracked tote bin guard frame strut angle	Replace in kind	EWO 2098 has been issued to Maintenance. Work was completed.	6/30/2007	MacDonald, David M.	Completed
Seismic	409	RLOP	HNF	2006		R-1611	Delamination of fireproofing on base ring - north side	Remove fireproofing and check for structural steel corrosion. Contact Al Greene x2-1788 if corrosion is found. If there is no corrosion of the structural steel, repair fireproofing as needed.	EWO 2098 has been issued to Maitenance. The inspection was completed and fireproofing was reapplied as per EWO.	6/30/2007	MacDonald, David M.	Completed